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gathered and studied. Forster's name, *ampullatus*, revived by Rhoads (*Science*, N. S., vol. 15, p. 756, 1902) appears to have escaped the compiler, and seems applicable in place of *rostratus* for *Hyperoödon*. Four new generic names are proposed, to take the place of others that are preoccupied. *Sphenodontherium* for *Sphenodon*, *Heterodontherium* for *Heterodon*, and *Propareutatus* for *Pareutatus* among the *Edentata*, and *Odontocyrtus* for *Kurtodon* among the *Marsupialia*. The compiler also deems it necessary to amend the name *Tatu* to *Tatus*. The index includes those specific names only that have figured in works published since the previous catalogue.

G. M. A.

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#### BOTANY.

**Britton's Manual.**<sup>1</sup>—In form, the recently issued second edition of this now well known work conforms closely to the first edition published in 1901. Analytical keys to the families, prepared by Wiegand, have been added to the prefatory matter, and a key to the genera of *Compositæ*, also prepared by him, has been placed at the end of the treatment of that family. The lamentable absence of necessary synonymy from the first edition has been rectified to a considerable extent; and in addition to such corrections as were possible in the original text, the appendix has been amplified by the incorporation of descriptions of over 100 species not recognized in the earlier edition, while, *e. g.*, under *Cratægus*, the fact that still others have been published is indicated.

W. T.

**A New North American Flora.**<sup>2</sup>—Since the appearance some years ago of the latest fascicle of the *Synoptical Flora* begun by Asa Gray, there has been no evident effort to provide a collective systematic treatment of the plants of the entire United States, though several handbooks covering a part of the country have appeared.

The fascicle now under review, though pertaining to a volume far

<sup>1</sup>Britton, N. L. *Manual of the Flora of the Northern States and Canada*. New York, Henry Holt and Co., 1905. 8vo, 2 ed., revised and enlarged, xxiv + 1112 pp.

<sup>2</sup>*North America Flora*, vol. 22, part 1.—Published by the New York Botanical Garden, May 22, 1905. Large 8vo, 80 pp. \$1.50.